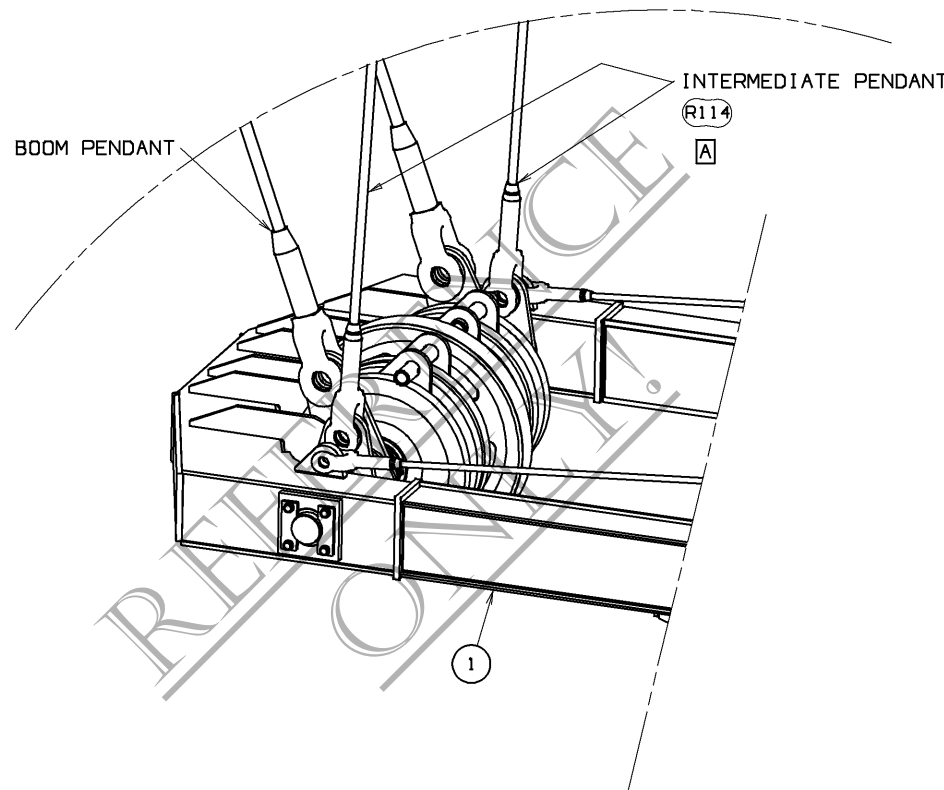
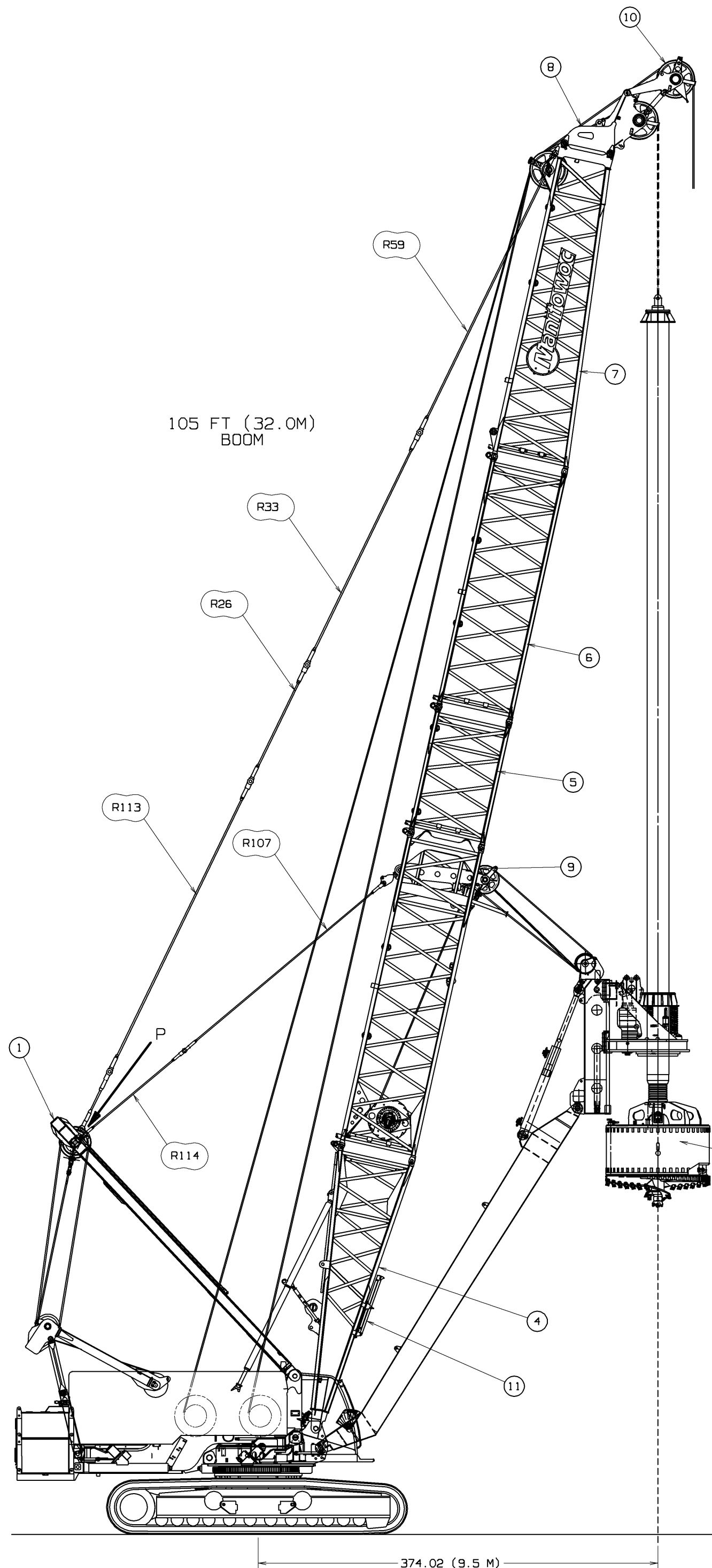




VIEW P
DETAIL OF MAST PENDANT CONNECTIONS

BAUER B36 DRILL ATTACHMENT

OPTION 4			
R64	1	SHEAVE WIRE ROPE ASSY 1.25 ROPE	631524
R65	2	SHEAVE WIRE ROPE ASSY 1.50 ROPE	A00492
3 FT (0.91M) TOP ASSEMBLY			
8	1	TOP 3 FT ASSEMBLY	A00141
R66	1	PIN COTTER 1 HOLE W/HD 3.00 DIA	163064
R38	1	BEARING LOCKWASHER	225100
R39	2	BEARING LOCKNUT	225101
R67	1	PIN COTTER .50 X 4.50	562174
R68	4	PIN SNAP .375 DIA X 2.25	563803
R69	1	PIN HITCH .375 DIA	563822
R70	4	SCREW CAP HEX HEAD .875	612768
R71	4	WASHER LOCK .875	710309
R72	1	TOP 3FT MACHINING	A01814
R73	2	PIN COTTER 2 HOLE 2.00 DIA	A02145
R74	1	SHAFT 8.00 DIA X 34.88	A02146
R75	2	SPACER TUBE 8.755 OD X 8.00 ID	A02738
R76	2	PLATE KEEPER .625 THK	A02739
R77	1	PIN COTTER 1 HOLE W/HD 2.28 DIA	A02766
R78	1	LINK #83 BOOM 38 MM ROPE	A02772
OPTION 1 (1.25 WIRE ROPE)			
R79	1	OPEN WEDGE SOCKET 1.25&1.375 DIA	165551
R80	1	WEDGE 1.25 DIA ROPE	165598
R81	1	PIN COTTER 1 HOLE W/HD 2.00 DIA	171214
R82	1	CLIP 1.25 WIRE ROPE	349233
R83	1	PIN COTTER .375 X 3.50	562151
R62	3	SHEAVE WIRE ROPE ASSY 1.25 ROPE	A00493
R84	1	LINK #83 BOOM 32 MM ROPE	A02773
OPTION 2 (1.50 WIRE ROPE)			
R85	1	STEEL WASHER .125	012535
R86	1	WEDGE 1.50 DIA ROPE	015828
R87	1	OPEN WEDGE SOCKET 1.50 DIA ROPE	015865
R88	1	CLIP 1.50 WIRE ROPE	349295
R65	2	SHEAVE WIRE ROPE ASSY 1.50 ROPE	A00492
R89	2	SPACER TUBE 9.00 OD X 8.0 ID	A02829
25 FT (7.60M) KELLY DRILL INSERT			
9	1	INSERT 25 FT ASSEMBLY #83 KELLY	A01823
R90	8	PLATE, KEEPER	076492
R32	4	BOLT CARRIAGE 0.62511 X 4.5 G2 ZC	244134
R91	2	BUMPER RUBBER	285220
R5	8	NUT_HEX 0.625-11 ZC	546058
R34	4	NUT LOCK NE .625	548345
R27	8	PIN COTTER .25 X 1.50	562105
R92	4	PIN COTTER .25 X 3.00	562110
R93	2	PIN COTTER .375 X 3.00	562150
R28	10	PIN COTTER .375 X 4.00	562152
R69	1	PIN HITCH .375 DIA X 3.00	563822
R94	4	SCREW CAP HEX HEAD .375-16X.63 G5	612451
R95	16	SCREW CAP HEX HEAD .375-16X.75 G5	612452

1

LAY DOWN KELLY BOOM WITH MOUNTING IN FRONT
OF UPPER CARRIER

ADJUST BOOM TO DRILLING AXIS (9.5 M)

FIT KELLY BOOM +MOUNTING WITH UPPER BOOM POINT
TO UPPER CARRIER

CONNECT ALL HYDRAULIC HOSES

MOUNT KELLY BOOM PINS

2

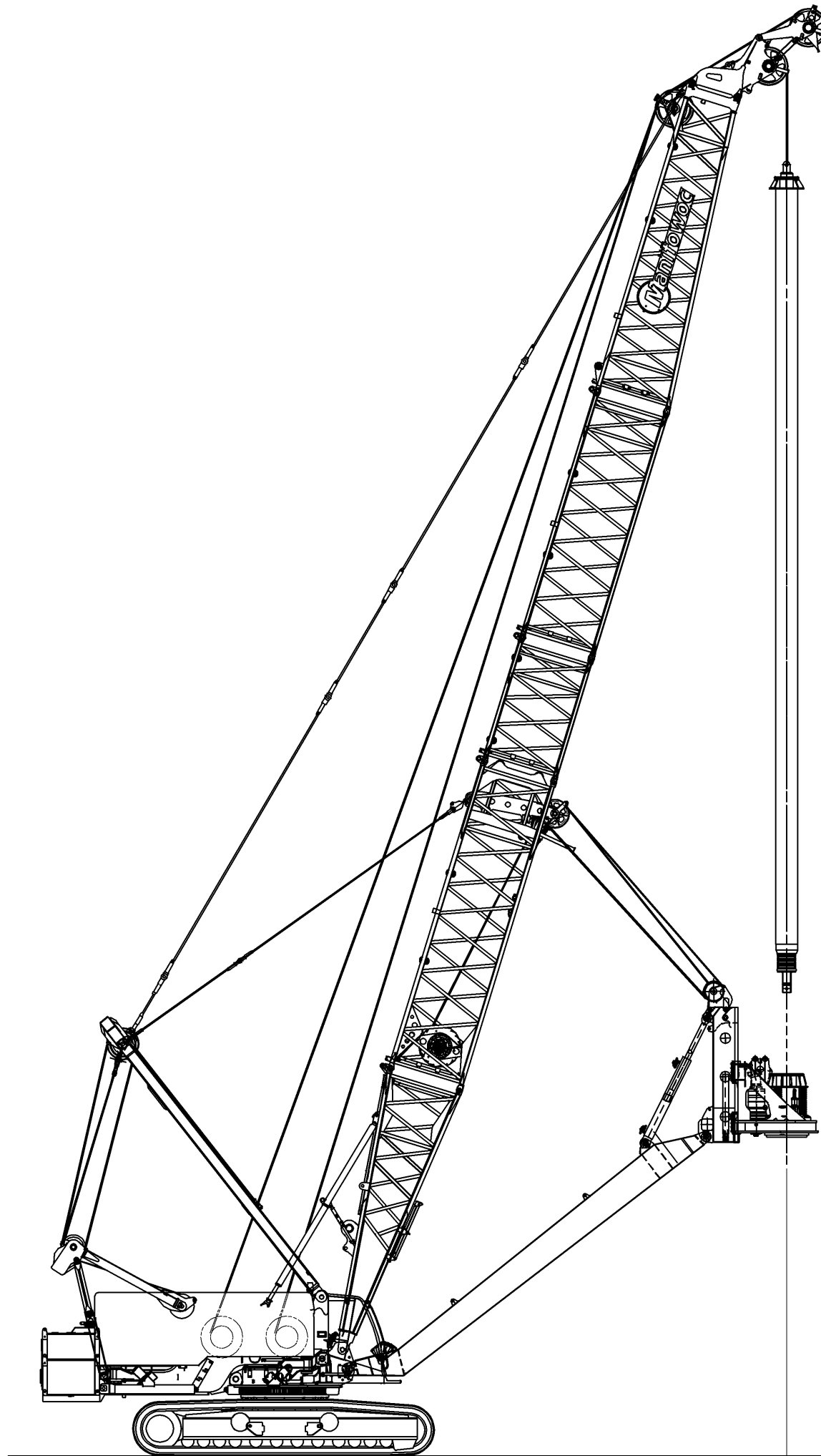
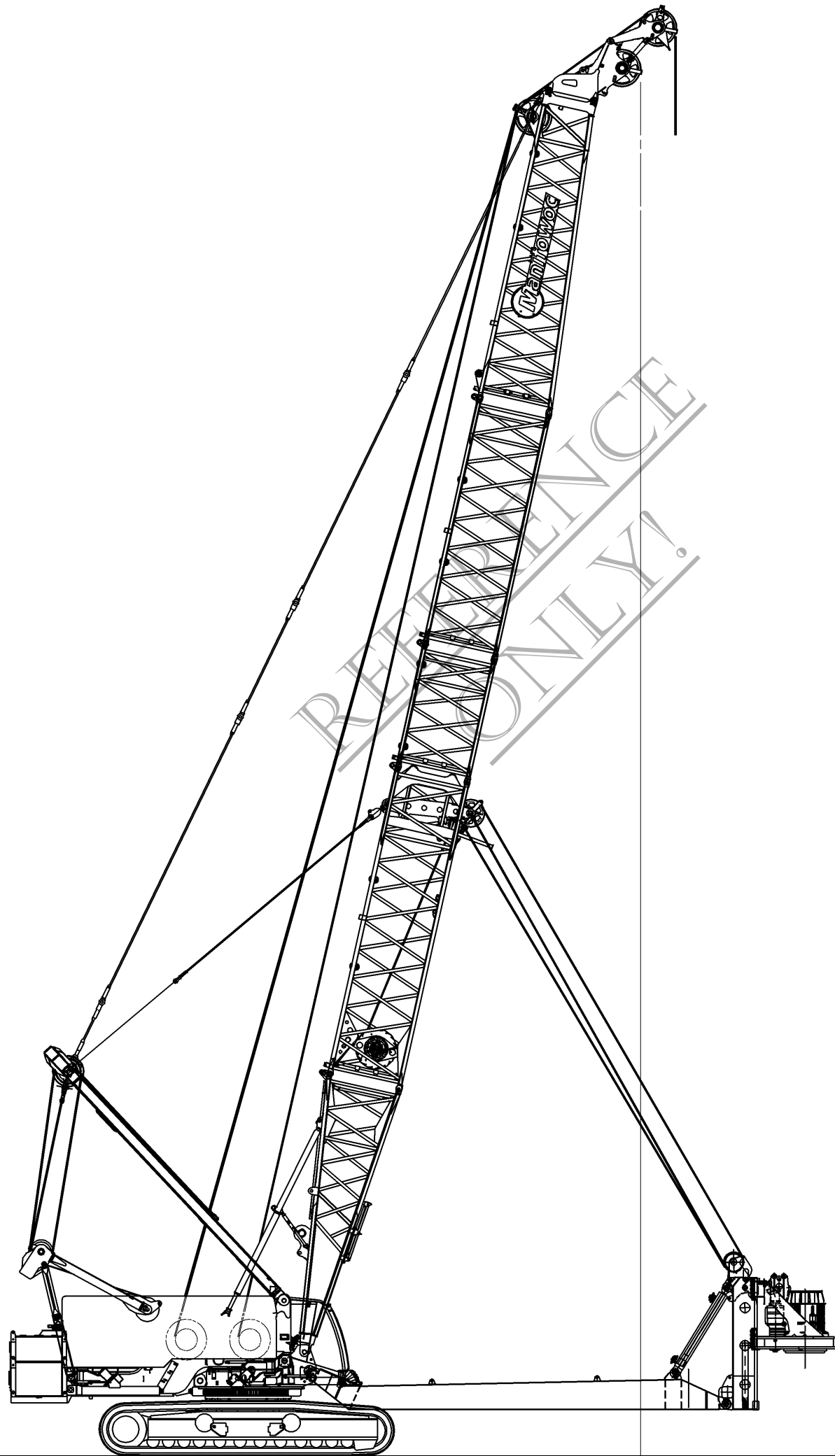
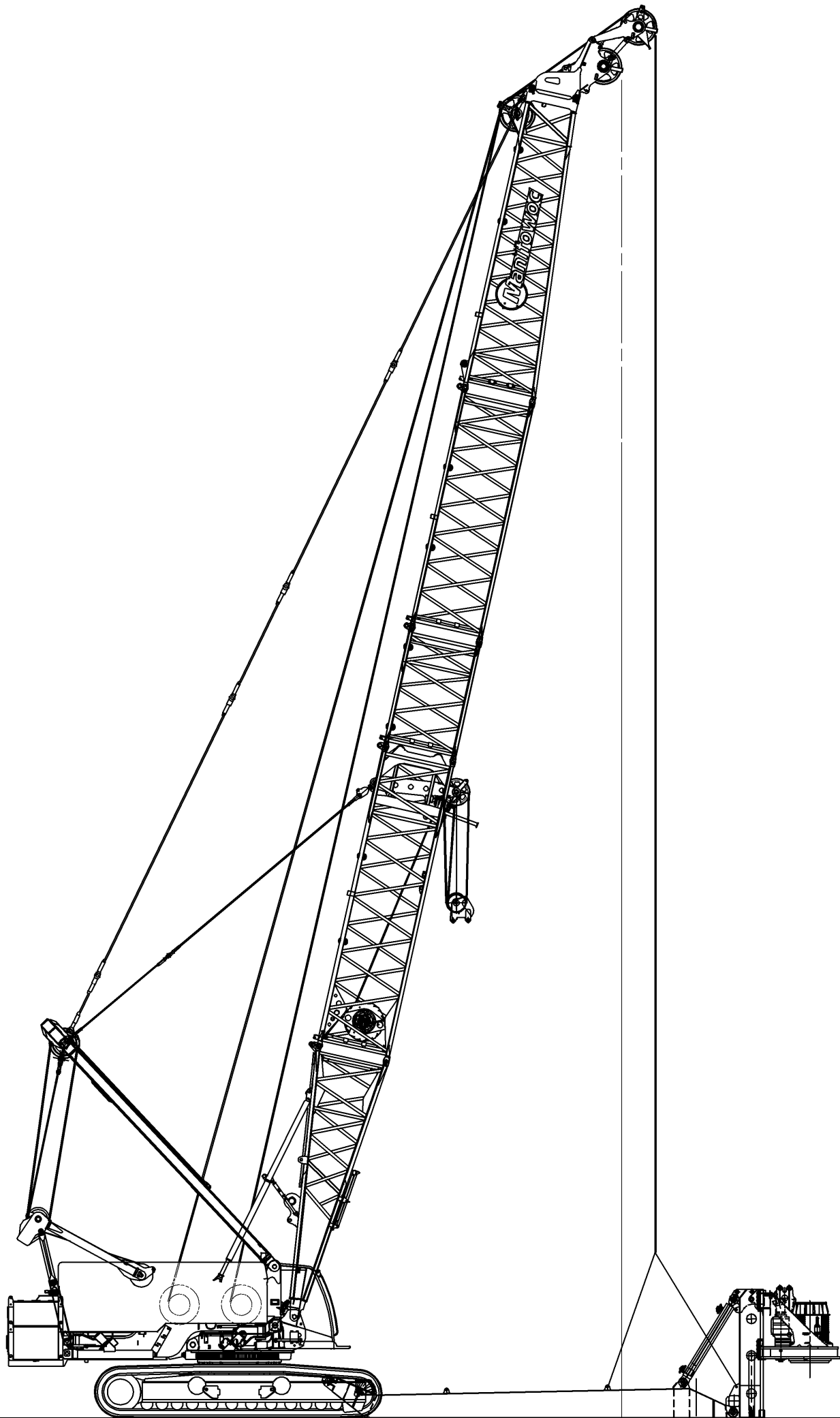
MOUNT ROLLER BRACKET TO MAST

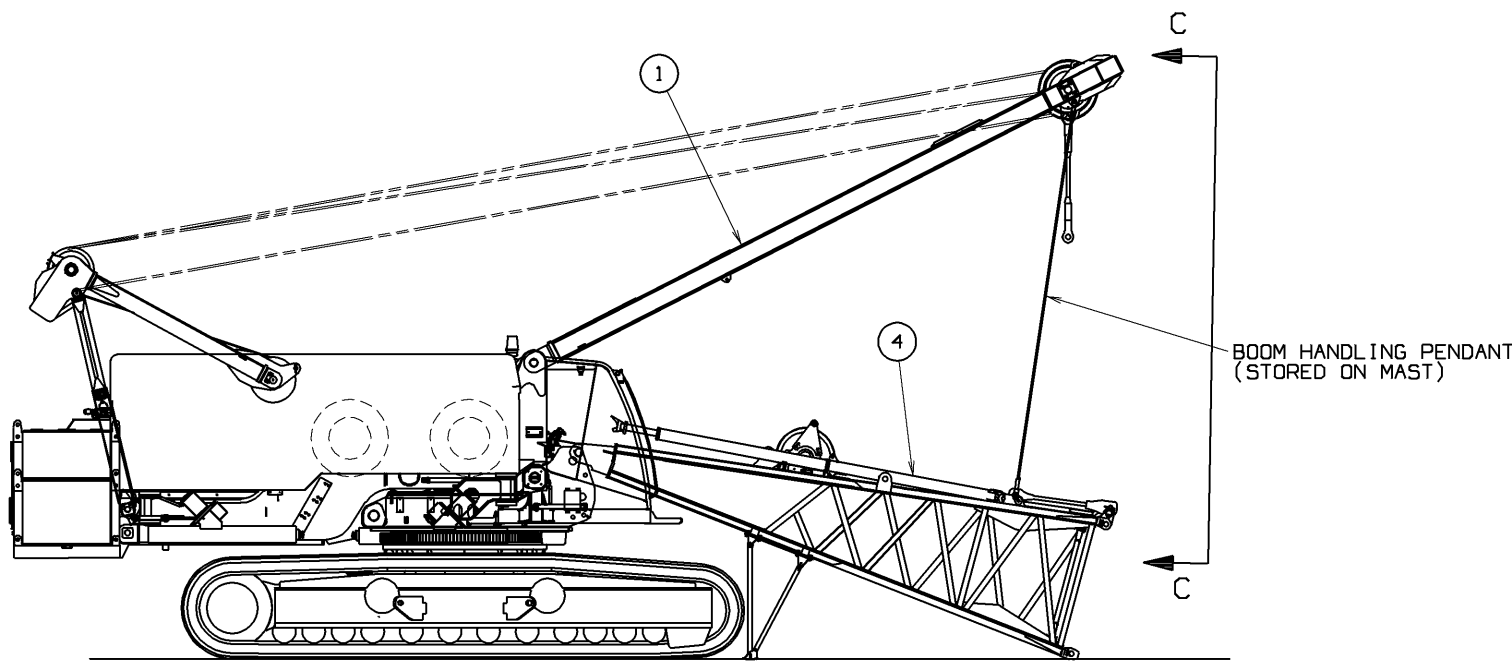
3

BOOM DOWN TO APPR. 11.9 M

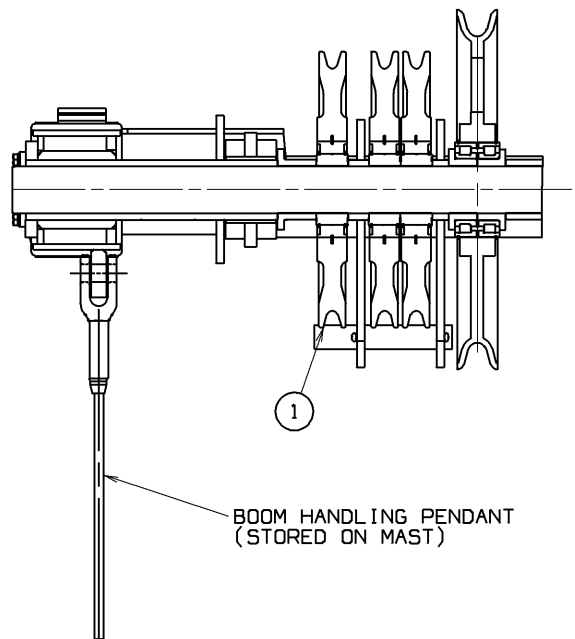
ADJUST KELLY BOOM TO ALIGN
WITH DRILLING AXIS.

MOUNT KELLY BAR

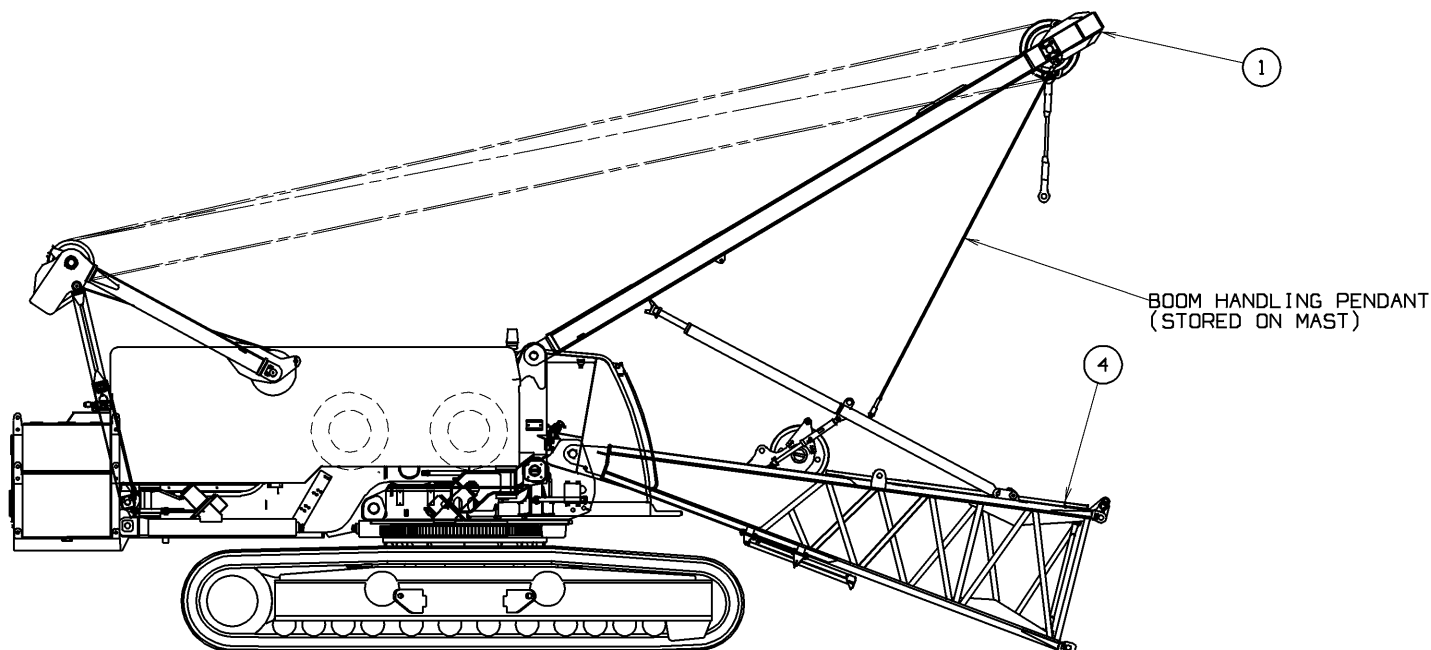




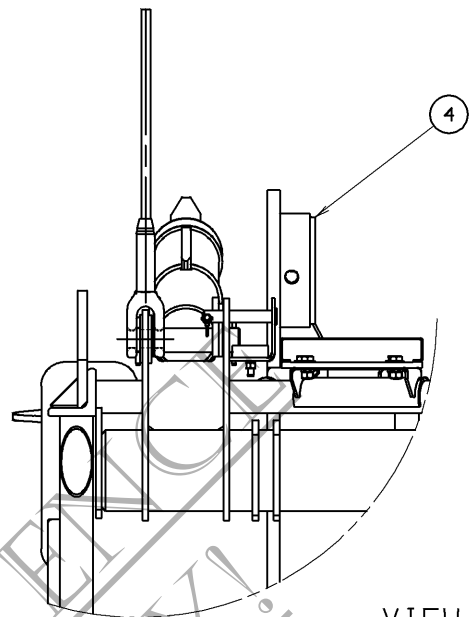
ATTACHING BOOM BUTT TO ROTATING BED
USING OPTIONAL BUTT SUPPORT ASSEMBLY



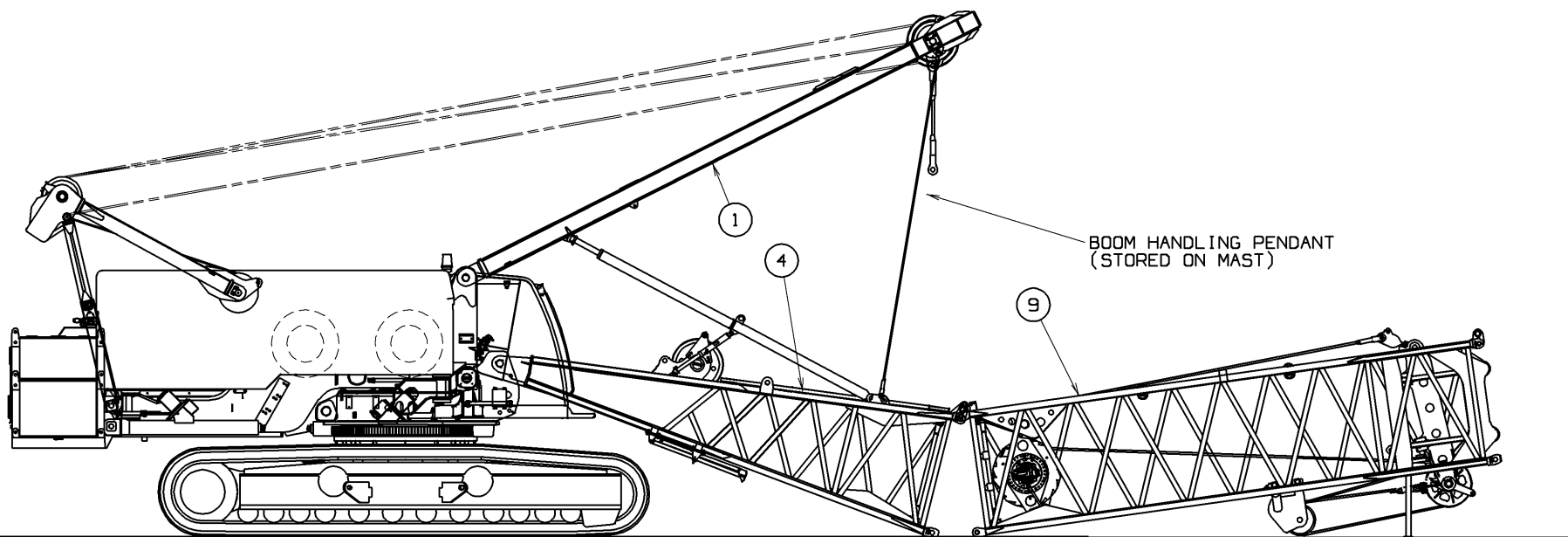
BOOM HANDLING PENDANT
(STORED ON MAST)



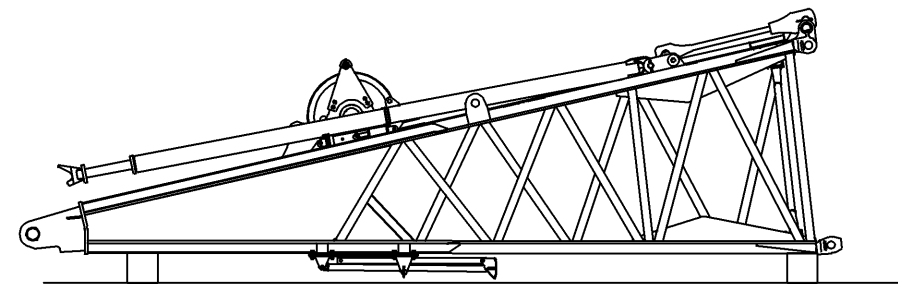
USING MAST PENDANT TO POSITION BOOM STOP
IN WORKING POSITION



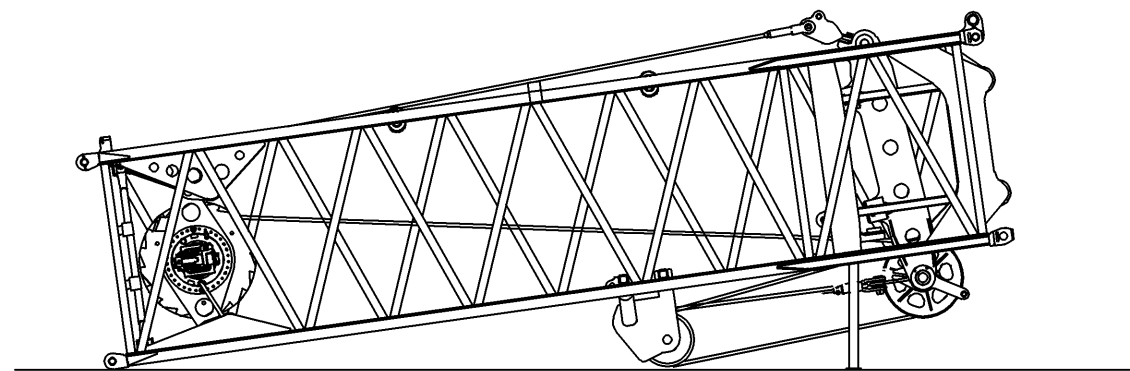
VIEW "C" - "C"
SCALE 1.50=1FT.



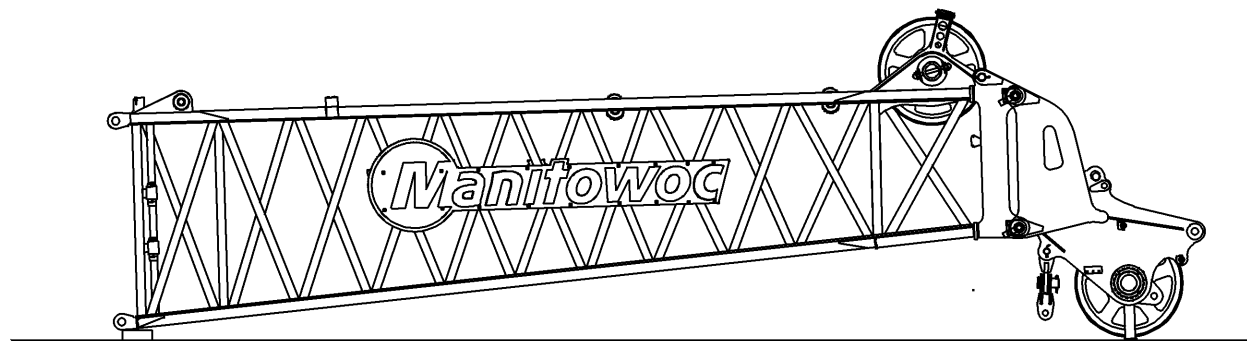
BOOM ASSEMBLY WITH MAST



BOOM BUTT SHIPPING ARRANGEMENT



KELLY INSERT SHIPPING ARRANGEMENT



BOOM TOP SHIPPING ARRANGEMENT

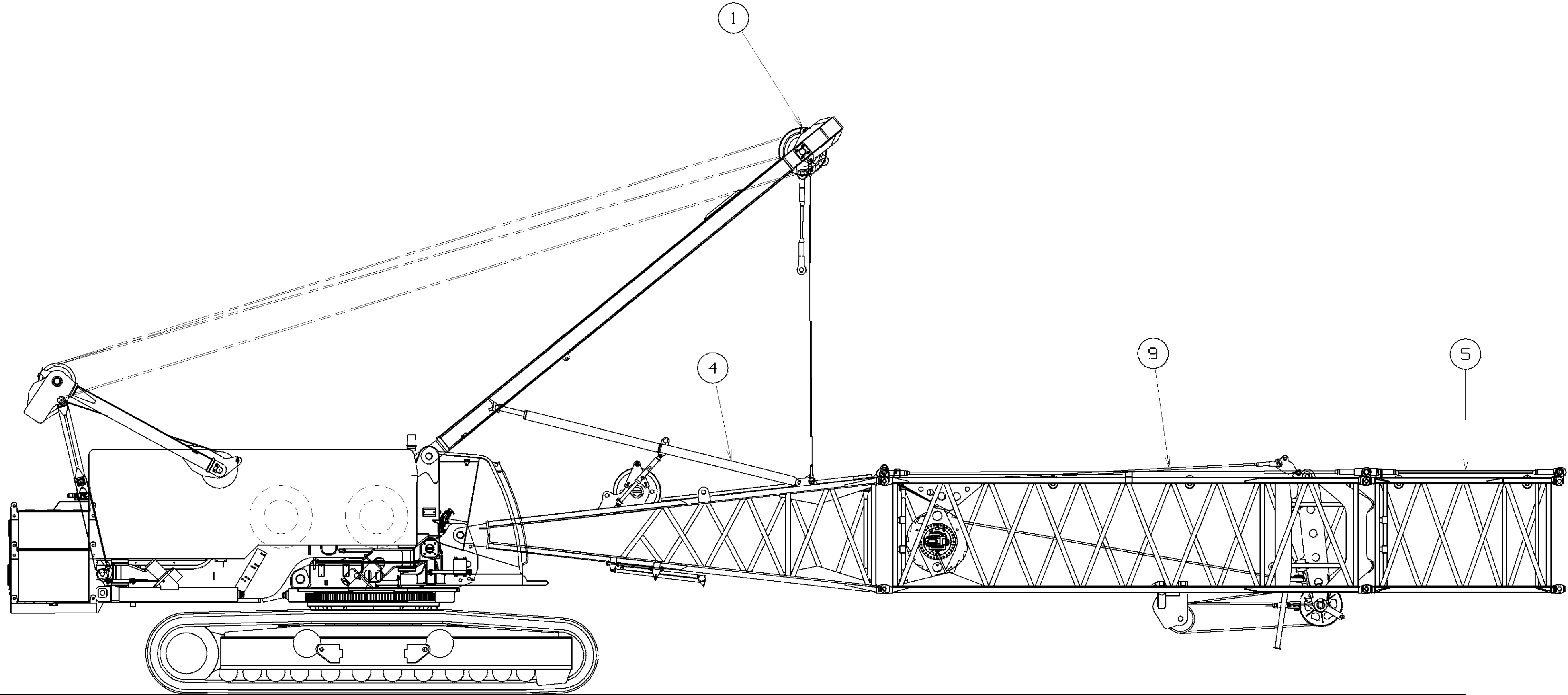
BOOM ASSEMBLY PROCEDURE

(MAST CAN BE USED TO ASSEMBLE ALL RIGGING COMPONENTS.)

1. ASSEMBLE BOOM COMPLETE. WITHOUT BUTT.
 2. ATTACH PENDANTS AS REQ'D.
 3. ATTACH BOOM HANDLING PENDANT TO BUTT LUGS. SEE APPROPRIATE VIEWS AT LEFT.
 4. INSTALL BOOM BUTT USING THE OPTIONAL BUTT SUPPORT ASSEMBLY.
 5. ATTACH BOOM HANDLING PENDANTS AT LOWER END TO BOOM STOP RAISING LUGS. RAISE AND PIN BOOM STOPS IN WORKING POSITION.
 6. ATTACH BOOM HANDLING PENDANT LOWER END BACK TO BOOM BUTT. BOOM UP TO CLEAR GROUND WITH BUTT.
 7. POSITION MACHINE TO ALIGN UPPER CONNECTORS ON BOOM BUTT WITH UPPER CONNECTORS OF FIRST BOOM INSERT AND INSERT LOCKING PINS (R30).
 8. SLOWLY BOOM UP TO ALIGN LOWER PIN CONNECTOR HOLES ON BOOM BUTT WITH LOWER PIN CONNECTOR HOLES OF FIRST BOOM INSERT AND INSERT PINS.
- WARNING:
DO NOT BOOM UP PAST LOWER CONNECTOR HOLES. IF BOOMING UP CONTINUES AFTER CONNECTORS BOTTOM OUT OR AFTER PINS ARE INSERTED, DAMAGE TO BOOM HANDLING PENDANTS AND BOOM BUTT WILL OCCUR.
9. BOOM DOWN TO DISCONNECT BOOM HANDLING PENDANT AND STORE ON MAST.
 10. ATTACH LINK STORED ON BUTT (R25) TO MAST PENDANT (ONLY FOR 50, 60 AND 70 FT BOOM MAKEUP).
 11. ATTACH MAST PENDANT (OR LINK) TO PENDANT OF FIRST INSERT(KELLY INSERT).
 12. BOOM UP TO DESIRED BOOM ANGLE.

TO DISASSEMBLE BOOM

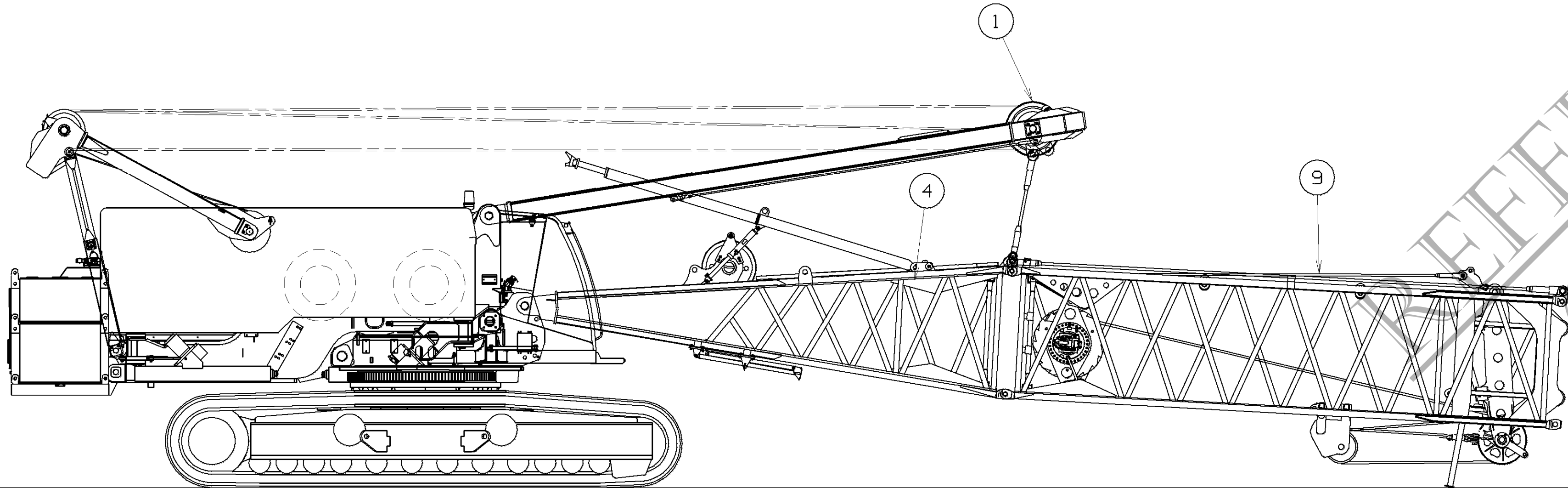
1. BOOM DOWN AND SUPPORT BOOM ON BLOCKING.
 2. DISCONNECT MAST PENDANT (OR LINK) FROM FIRST INSERT PENDANT.
 3. CONNECT BOOM HANDLING PENDANTS TO MAST.
 4. BOOM UP TO REMOVE SLACK FROM BOOM HANDLING PENDANTS.
- WARNING:
DO NOT BOOM UP TO PUT TENSION INTO BOOM HANDLING PENDANTS. (REMOVE SLACK ONLY) TENSION IN BOOM HANDLING PENDANT WILL DAMAGE PENDANT AND BOOM BUTT.
5. REMOVE LOWER BOOM BUTT TO INSERTS PINS AND BOOM DOWN. REMOVE UPPER PINS.
- WARNING:
BOOM MUST BE PROPERLY BLOCKED TO PREVENT SHIFTING DURING PIN REMOVAL.
6. SLOWLY BACK AWAY FROM BOOM
 7. LOWER BOOM STOPS TO SHIPPING POSITION.
 8. REMOVE BOOM BUTT FROM ROTATING BED AND STOW BOOM HANDLING PENDANTS ON MAST.
 9. DISASSEMBLE BOOM WITH MAST



BOOM HANDLING WITH MAST WITH MAST PENDANT ATTACHED TO BOOM MAXIMUM BOOM THAT CAN BE CANTILEVERED IS AS FOLLOWS:			
LENGTH	25 FT. (7.62 M) KELLY INSERT	10 FT. (3.05 M) INSERT	20 FT. (6.10 M) INSERT
25 FT. (7.62 M)	1	0	0
35 FT. (10.7 M)	1	1	0

WARNING:
INTERMEDIATE PENDANTS OF KELLY INSERT MAY NOT BE USED FOR
BOOM HANDLING.
MISUSE CAN LEAD TO SEVERE STRUCTURAL DAMAGE.

BOOM HANDLING WITH MAST



CONNECTING OR DISCONNECTING
MAST AND INSERT PENDANTS